

FORM PTO-1390 (REV. 01-2003)		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 125670	
INTERNATIONAL APPLICATION NO. PCT/FR2004/050181		INTERNATIONAL FILING DATE May 6, 2004	
U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/553,440		PRIORITY DATE CLAIMED May 7, 2003	
TITLE OF INVENTION REACTION MODULE FOR BIOLOGICAL ANALYSIS			
APPLICANT(S) FOR DO/EO/US Bruno COLIN; Frederic PAULHET			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11 to 20 below concern document(s) or information included:</b>			
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> A Response to Notification of Missing Requirements.</li> </ol>			

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/553,440	INTERNATIONAL APPLICATION NO. PCT/FR2004/050181	ATTORNEY'S DOCKET NUMBER 125670
21. <input type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b> <b>PTO USE ONLY</b>
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00		\$
<b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b>		\$
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase ..... \$ 0.00		
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00		
International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00		
All situations not provided for above..... \$ 500.00		
<b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b>		\$
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase ..... \$ 0.00		
All situations not provided for above..... \$ 200.00		
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).		\$
APPLICATION SIZE FEE	÷ 50      =      †	x      250 =      \$
Total pages - 100 =		
†round up to next integer		
CLAIMS	NUMBER FILED	NUMBER EXTRA
TOTAL CLAIMS	- 20	=
INDEPENDENT CLAIMS	- 3	=
MULTIPLE DEPENDENT CLAIM(S)(if applicable)		+ 360.00 =
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$
<b>SUBTOTAL =</b>		\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$
<b>TOTAL NATIONAL FEE =</b>		\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$
<b>TOTAL FEES ENCLOSED =</b>		\$
		Amount to be refunded: \$
		charged: \$
a. <input type="checkbox"/> Check No.      in the amount of \$      to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No.      in the amount of \$      to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.		
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944		
Date <u>July 13, 2006</u>		NAME: William P. Berridge REGISTRATION NUMBER: 30,024  NAME: Scott Schulte REGISTRATION NUMBER: 44,325

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/553,440	INTERNATIONAL APPLICATION NO. PCT/FR2004/050181	ATTORNEY'S DOCKET NUMBER 125670
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">APPLICATION SIZE FEE</td> <td style="width:10%;"></td> <td style="width:10%; text-align: center;">÷ 50</td> <td style="width:10%; text-align: center;">= †</td> <td style="width:10%; text-align: center;">x 250 =</td> <td style="width:10%;"></td> </tr> <tr> <td>Total pages - 100 =</td> <td></td> <td></td> <td></td> <td></td> <td>\$</td> </tr> </table> †round up to next integer	APPLICATION SIZE FEE		÷ 50	= †	x 250 =		Total pages - 100 =					\$	\$																			
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<b>TOTAL FEES ENCLOSED =</b>	\$																															
	Amount to be refunded:	\$																														
	charged:	\$																														

a. <input type="checkbox"/> Check No. _____ in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.	<div style="text-align: right;">             NAME: William E. Berridge            REGISTRATION NUMBER: 30,024             NAME: Scott Schulte            REGISTRATION NUMBER: 44,325         </div>
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**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  
 OLIFF & BERRIDGE, PLC  
 Customer Number: 25944

Date July 13, 2006

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Bruno COLIN et al.

ATTN: Mail Stop PCT

Application No.: 10/553,440

Docket No.: 125670

Filed: October 14, 2005

For: REACTION MODULE FOR BIOLOGICAL ANALYSIS

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ELECTED**  
**OFFICE (DO/EO/US) DECLARATION ALREADY FILED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

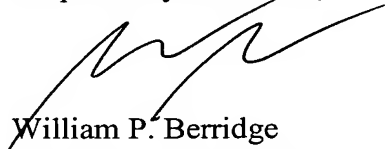
Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on June 27, 2006, the executed Declaration of the inventors was filed on October 14, 2005. A copy of the executed Declaration as filed, a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, and a copy of the stamped postcard receipt are attached hereto. For the convenience of the Patent Office, an English language version of the Declaration is enclosed.

Entry of these documents on October 14, 2005 should have completed all of the filing formalities. Accordingly, prompt issuance of a Notification of Acceptance and Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461.

Respectfully submitted,



William P. Berridge  
Registration No. 30,024

Scott M. Schulte  
Registration No. 44,325

WPB:SMS/acl  
Date: July 13, 2006

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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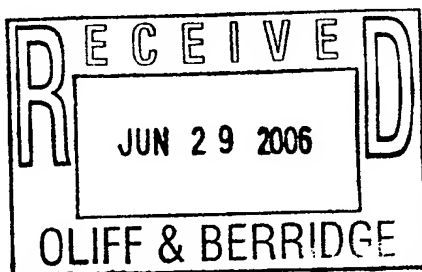


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/553,440	Bruno Colin	125670

25944  
OLIFF & BERRIDGE, PLC  
P.O. BOX 19928  
ALEXANDRIA, VA 22320



INTERNATIONAL APPLICATION NO.	
PCT/FR04/50181	
I.A. FILING DATE	PRIORITY DATE
05/06/2004	05/07/2003

CONFIRMATION NO. 1428  
371 FORMALITIES LETTER  
\*OC000000018262299\*

Date Mailed: 06/27/2006

**MISSING PARTS**

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/14/2005
- English Translation of the IA filed on 10/14/2005
- Copy of the International Search Report filed on 10/14/2005
- Request for Immediate Examination filed on 10/14/2005
- U.S. Basic National Fees filed on 10/14/2005
- Assignment filed on 12/14/2005
- Priority Documents filed on 10/14/2005
- Power of Attorney filed on 12/14/2005

**DUE DATE**  
**AUG 27 2006**

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

**DOCKETED**  
By MBS on 6/29 2006  
and  
By SOH on 6/27 2006  
Oliff & Berridge

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/553,440	PCT/FR04/50181	125670

FORM PCT/DO/EO/905 (371 Formalities Notice)